



## IMPORTANT FITTING INFORMATION

**Part number :- SGA1397L**

THIS STEERING RACK IS DELIVERED WITH A DEFAULT CODING **01-00-00-10-00-40-01-00**.  
 DEPENDING UPON THE VEHICLE MODEL AND SPECIFICATION IT MAYBE NECESSARY TO AMMEND THE SETTING.  
 NOTE THE SOFTWARE CODING FROM THE ORIGINAL RACK AND ENTER IT INTO THE NEW RACK  
 IF IT IS NOT POSSIBLE TO READ THE CODE USE AN ONLINE SERVICE OR REQUEST IT FROM THE MANUFACTURER.  
 A LOGIN CODE IS REQUIRED TO CHANGE THE CODING. USE THE CODE **19249**  
 AFTER CODING CHECK THE FAULT MEMORY IS CLEAR AND PROCEED TO PERFORM THE "ADAPTATION"

**\*\*\* NOTE \*\*\***

IF THE CODING OPTION "STEERING ANGLE SENSOR" IS SET TO "MESSAGE LWI IS SENT (EXTERNAL ANGLE SENSOR INSTALLED - YES)" THE STEERING ANGLE SENSOR (G85) IS A SEPARATE COMPONENT TO THE RACK AND PINION AND IS LOCATED IN THE UPPER PORTION OF THE STEERING COLUMN. IN THE EVENT A STEERING ANGLE RELATED FAULT IS PRESENT THE CORRECT FUNCTION, ADAPTATION & CALIBRATION OF THIS COMPONENT MUST BE DIAGNOSED.

THIS TABLE SUMMARISES THE CODING PARAMETERS AND REFLECTS THE DEFAULT CODING STATED ABOVE.			
CHANNEL DEFINITION / NAME	FACTORY DEFAULT PARAMETER	PARAMETER OPTIONS / NOTES	DESCRIPTION / NOTES
COUNTER STEER SUPPORT (DSR)	ACTIVE	ACTIVE NOT ACTIVE	ACTIVE IS THE STANDARD SETTING
PARK ASSIST	NOT ACTIVE	ACTIVE NOT ACTIVE	ENABLING THIS FEATURE IN A VEHICLE WITHOUT THE OPTION FROM THE FACTORY MAY RESULT IN A FAULT.
TORQUE STEER COMPENSATION	NOT ACTIVATED	NOT ACTIVATED ACTIVATED WITH LEARNED VALUES ACTIVATED WITHOUT LEARNED VALUES ACTIVE	THIS IS THE STANDARD SETTING  THIS IS AN OPTIONAL SETTING POWERFUL FWD MODELS. PROVIDED FOR USA MARKET.
LANE DEPARTURE ASSISTANT (HCA)	NOT ACTIVE	ACTIVE NOT ACTIVE	ENABLING THIS FEATURE IN A VEHICLE WITHOUT THE OPTION FROM THE FACTORY MAY RESULT IN A FAULT.
ESP	ACTIVE	ACTIVE NOT ACTIVE	ACTIVE IS THE STANDARD SETTING
STEERING ANGLE SENSOR	EXTERNAL ANGLE SENSOR INSTALLED - NO	MESSAGE LWI IS SENT (EXTERNAL ANGLE SENSOR INSTALLED - NO)  MESSAGE LWI IS NOT SENT (EXTERNAL ANGLE SENSOR INSTALLED - YES)	THERE IS <b>NO</b> SEPARATE G85 STEERING ANGLE SENSOR INSTALLED IN THE STEERING COLUMN OF THE VEHICLE. IF SET INCORRECTLY NO STEERING ANGLE SIGNAL WILL BE BROADCASTED ONTO THE NETWORK, ("NOTE" THE STEERING ANGLE WILL ALWAYS BE SHOWN ON A "LIVE READOUT" VIA A DIAGNOSTIC DEVICE - THIS DOES NOT MEAN THE CODING IS SET CORRECTLY) A MISSING OR IMPLAUSIBLE STEERING ANGLE SENSOR ERROR WILL BE RAISED AND THE ADAPTATION PROCESS WILL BE BLOCKED.  THE VEHICLE <b>IS FITTED</b> WITH A G85 STEERING ANGLE SENSOR. THE G85 IS THE PRIMARY STEERING ANGLE SENSOR FOR THE VEHICLE. IF THE STEERING ANGLE OUTPUT FROM THE RACK IS SET INCORRECTLY THE SIGNALS WILL CONFLICT AND A STEERING ANGLE SENSOR ERROR WILL BE RAISED. CALIBRATION OF THE ANGLE SENSOR WILL BE IMPOSSIBLE AND THE ADAPTATION PROCESS WILL BE BLOCKED.
HYBRID POWERTRAIN	NOT ACTIVE	ACTIVE NOT ACTIVE	THIS PARAMETER ADJUSTS THE POWER CONTROL OF THE STEERING RACK TO MAKE IT SUITABLE FOR DRIVING WITH HYBRID VEHICLES.
ENGINE STARTS THROUGH POWER STEERING	ACTIVE	ACTIVE NOT ACTIVE	ONLY CHANGE THESE SETTINGS IF THEY ARE DIFFERENT TO THE VALUES OF THE ORIGINAL PART AS THESE ARE SET DEPENDANT UPON THE SPECIFICATION AND OPTIONS THE CAR IS BUILT WITH AT THE FACTORY.
DRIVER PROFILE SELECTION	NOT ACTIVE	ACTIVE NOT ACTIVE	

V1.1